

GUIDELINES FOR IMPLEMENTATION OF SEED VILLAGE PROGRAMME
UNDER SMSP, NMAET DURING 2017-18

(Central 60% share: State 40% share)

The Seed Village Programme (SVP) is one of the important components of the Sub-mission on Seeds and Planting Materials (SMSP) under Nation Mission on Agriculture Extension & Technology (NMAET) being implemented by Government of India. The Seed Village Programme ensures supply of quality seed of notified varieties to the farmers in time at their places at affordable prices besides ensuring quick multiplication of new seed varieties in a shorter time in that mandal /district based on the crop situation.

Objectives:

The basic objectives of the Seed Village Programme are :

1. to improve the quality of Farm Saved Seeds
2. to increase the Seed Replacement Rate (SRR)
3. to enhance the horizontal spread of high yielding varieties among farmers for improving the productivity of crops.

The following incentives will be provided to farmers under Seed Village Programme as per GOI norms.

1. Supply of Foundation seed:

Financial assistance @ **50% subsidy** is available for distribution of foundation /certified seeds of **cereals** for 1 acre area per farmer per crop each season.

Financial assistance @ **60% subsidy** is available for distribution of foundation/ certified seeds of pulses, oilseeds and green manure seeds for a maximum of one acre per farmer per crop each season.

2. Trainings:

Three one day trainings will be conducted to the farmers on seed production technology.

Financial assistance of Rs.15,000/- per group (50-150 farmers each group) will be provided for farmers.

IMPLEMENTATION :

I. Supply of Foundation seed on subsidy

Approach: Compact area approach needs to be followed under this programme. It is necessary to identify the areas of better seed production and a compact area approach needs to be followed under this programme. Suitable responding / willing minimum 25 farmers for same crop/variety will be identified / selected preferably in compact area / cluster approach .

Unit size: The unit size of all crops is 10 ha.of **compact area**.

Selection of Villages:

- The Village with good fertility, sufficient ground water facility and best suited for seed production should be selected.
- The village that is having 2 or > 2 Crops as Major Crops or a Crop which is grown in larger area in that Mandal may be selected.
- More than one unit of SVP may be organized in the selected village by which it is easy to implement the scheme and monitor the programme effectively.
- The villages under Sansad Adarsh Gram Yojana if any shall be given preference under this programme.
- The Panchayat Raj institutions should be actively involved in selection of beneficiaries.
- The soil fertility status of the selected area should be known well in advance for deciding the use of fertilizer.

Selection of crop/Variety: The crop and variety selected for seed village programme should have local demand, which can be disposed off completely in that area. Selection of variety should be based on the requirement of the same, in the immediate season i.e Kharif to Rabi and Rabi to Kharif.

Supply of Seeds:

Required foundation/certified seed will be distributed on 50% subsidy for cereals and 60% subsidy for pulses, oilseeds and green manure seeds for a maximum of one acre per farmer per crop each season.

Source of supply of seeds: The required foundation/certified seed of the crops / varieties, decided / identified will be purchased from seed supplying agencies like State Seed Farms / National Seeds Corporation ,TSSDC, PJTSAU and HACAetc.

II. Organization of Trainings under SVP:

Training will be provided on seed production and seed technology to farmers for the crops grown in the seed villages. The number of farmers per each training is 50 (SVP farmers). The trainings will be conducted by the departmental Officials i.e ADAs & AOs besides ensuring involvement of officials from SSCs, SAUs, KVK institutes and their sub centre for imparting training to farmers under SVP.

1. The **first one day training** will be given to the farmers at the time of sowing of seed crop. During this training seed production technique, isolation distance, sowing practices, other agronomic practices to be followed for the given crop will be taught to the farmers.
2. The **second one-day training** will be organized during flower initiations stage of the seed crop. The seed growing farmers will be trained to identify off types, rogues and removal of these plants from the seed plots and to maintain the quality of seed production and other agronomic practices, plant protection measures and harvesting methods to be followed by the farmers.
3. The **third one day training** will be organized after harvesting and at the time of seed processing to impart knowledge on seed cleaning, seed grading, seed treating, seed storage, seed packaging aspects and how to draw the representative seed sample and Sending the seed sample for seed testing or local seed testing method to assess the seed germination.

Details of expenditure to be incurred for three one day trainings is as follows.

Sl.No.	Items	Amount (Rs.)
1	For 50 participants one Lunch and tea, biscuits twice a day for 3 days @ Rs. 50/- per day per participant (50X3X50)	7500
2	Stationery / publicity material @ Rs. 30 per participant to be supplied in local languages in one time only (50X30)	1500
3	Charges for arrangements for trainings like Chairs, Shamiana, preparation of field boards & banners e tc. (1500X3)	4500
4	Honorarium to resource person @ Rs. 300/- per day for 3 days.	900
5	Other contingency charges	600
	Total	15,000

The literature / publicity material can be printed invariably in Govt. press at district level only.

Monitoring and Administrative aspects:

1. The JDA, ADA®, MAO and AEO concerned should invariably have to visit the Seed Village on every Tuesday (as existing) and guide the farmers in implementing the programme.
2. Wide publicity should be given at village level to all farmers, so that more number of interested farmers can participate.
3. Seed villages should be monitored by special monitoring teams at district level. JDAs should constitute a monitoring team comprising of DDA O/o JDA, DDA(FTC), ADA(Agronomy)O/o JDA, Scientist from DAATTC/ARS/KVK at the district level.
4. All inputs supply will be only through identified and approved institutional agencies by C&DA.
5. The allocation to SC / ST farmers should be made proportionate to their population in the district. Further at least 30% of allocation should be made for women farmers.
6. The JDA should invariably monitor the organization of the trainings.
7. The schedule of the trainings (date and village wise) to be organized shall be furnished to this office in advance.
8. Photographs, Documentations, success stories should be submitted to this office under all components of the scheme for onward submission of the same to GOI.
9. The Physical Progress and Financial Progress report shall be submitted every month by the district JDAs to the C&DA on or before 5th of every month in the prescribed format as communicated earlier.
10. The funds should be utilized only for purpose it was released and utilization certificate in GFR 19A shall be submitted by the JDA to the C&DA.
11. Separate registers to be maintained for organizing the programme and the list of beneficiaries & Villages identified should be submitted in hard and soft copy so as to upload in the Government website.

GUIDELINES FOR CERTIFIED SEED PRODUCTION OF PULSES, OILSEEDS, FODDERS AND GREEN MANURE CROPS THROUGH SEED VILLAGES UNDER SMSP OF NMAET DURING 2017-18.

(New component, Centre 60%: State 40%)

The production of certified seeds in case of Pulses, Oilseeds is very low compared to demand and need to be encouraged to improve SRR of these crops. Similarly production of fodder seed, green manuring seeds also need to be encouraged in the interest of animal husbandry. To encourage production of seeds of these specialized crops, this new intervention is being proposed by the Government of India for implementation from 2014-15 under **Submission on Seed and Planting Material (SMSP) of National Mission of Agriculture Extension Technology (NMAET)**.

The following incentives will be provided to farmers under this programme as per GOI norms.

- 1 Production of seeds:** 75% financial assistance will be provided for distribution of foundation/ certified seeds in 1 acre per farmer for pulses, oilseeds, fodder and green manure crops.
- 2 Seed certification charges:** Financial assistance @50% of seed certification actual charges or maximum of Rs.600/ha whichever is less. (Rs.0.60 lakh for 100ha. area) will be provided.
- 3 Farmers Trainings:** Financial assistance @ Rs.15000 per group (of 50-150 farmers each groups) for three one day farmers training on seed production and post harvest seed technology will be provided.
- 4 Seed processing and seed storage godowns:** Assistance to establish seed processing and prefabricated or other type of seed storage godowns 150 sqm. @ Rs.10000 per sqm. to process and store 200 Mt capacity will be available for each seed village
- 5** Financial assistance of Rs.7.56 lakh will be provided for seed processing machinery and supporting equipments.

The following are the broad guidelines for implementing the Certified Seed Production through Seed Villages:

I. Selection of cluster area

- The scheme will be implemented in cluster formation where the targeted/allotted crop is grown and where there is demand for their certified seeds. This would ensure timely availability of seed and reduce the handling cost.

- Selection should be on long term/permanent basis where more than one crop (oilseed/ pulse/ green manure) could be grown in different seasons to make seed production a continuous activity with farmers in such villages.
- The areas of seed production / clusters shall be identified well in advance.
- Minimum size of the cluster shall be of 150 acres. Single or group of villages may be considered.
- Production can be organised preferably under assured irrigated conditions, for assured yields and quality.
- Project area under rainfed conditions can also be selected in watershed areas with provision to provide protective irrigation.
- The project area selected will receive the assistance for maximum period of two years so that the identified farmers become aware of seed production technology and capable of undertaking the seed production independently from third year onwards.
- The Panchayat Raj institutions should be actively involved in selection of beneficiaries.
- The soil fertility status of the selected area should be known well in advance for deciding the use of fertilizer.
- The gram panchayats /villages under Saansad Adarsh Gram Yojana if any shall be given priority under this programme.

II. Supply of Seeds:

- Required foundation / certified seed will be supplied on 75% subsidy in one acre per farmer for pulses, oilseeds, fodder and green manure crops.
- FGs, SHGs may also be considered under this programme.
- The crop and variety selected should have local demand, which can be disposed off completely in that area. **Selection of Variety should be based on the requirement of the same, in the immediate season i.e Kharif to Rabi and Rabi to Kharif.**
- Preference should be given to new varieties/hybrids in the programme.
- The required foundation / certified seed of crop/varieties targeted will be arranged from the seed supplying central and state government nodal agencies i.e NSC, TSSDC, HACA, OILFED, MARKFED State Seed Farms, Prof. Jayashanker Telangana State Agriculture University etc.
- The JDAs must coordinate with the concerned District Manager of the concerned seed supplying agency and make sure that indented quantities of seed is to be positioned and ensure timely lifting of seed.

III. Farmers Training:

- Farmers involved in said programme will be provided all the requisite technical guidance on seed production and seed technology under “Farmers-Training” Component.
- The trainings will be conducted by the FTC Officials besides ensuring involvement of officials from SSCs, SAUs, KVK institutes and their sub centre for imparting training to farmers under SVP.
- Duration of training would be three one day training for 50 farmers.
- **First one day training** will be given to the farmers at the time of sowing of seed crop. During this training seed production technique, isolation distance, sowing practices, other agronomic practices to be followed for the given crop will be taught to the farmers.
- **Second one-day training** will be organized during flower initiations stage of the seed crop. The seed growing farmers will be trained to identify off types, rogues and removal of these plants from the seed plots and to maintain the quality of seed production and other agronomic practices, plant protection measures and harvesting methods to be followed by the farmers.
- **Third one day training** will be organized after harvesting and at the time of seed processing to impart knowledge on seed cleaning, seed grading, seed treating, seed storage, seed packaging aspects and how to draw the representative seed sample and Sending the seed sample for seed testing or local seed testing method to assess the seed germination.
- Assistance for three one day farmers training on seed production and post harvest seed technology @ Rs. 15,000/- per 50 farmers will be provided which is as follows:

Sl.No.	Items	Amount (Rs.)
1	For 50 participants one Lunch and tea, biscuits twice a day for 3 days @ Rs. 50/- per day per participant (50X3X50)	7500
2	Stationery / publicity material @ Rs. 30 per participant to be supplied in local languages in one time only (50X30)	1500
3	Lupsum management charges for arrangements for trainings like Chairs, Shamiana , preparation of field boards & banners etc . (1500X3)	4500
4	Honorarium to resource person @ Rs. 300/- per day for 3 days.	900
5	Other contingency charges	600
	Total	15,000

IV. Seed Certification:

- Financial assistance @ 50% of actual seed certification charges or maximum of Rs. 600/ha whichever is less will be provided towards seed certification charges.
- With regard to the seed certification which is the crucial aspect of the certified seed production , following aspects are to be kept in view:
 - a) The project area/ clusters selected should be offered for certification by Mandal Agricultural Officer and register the area for certification with M/s T.S.S.C.A.
 - b) Registration of areas to be completed within stipulated period i.e 21 days after sowing / planting with a grace period of 7 days.
 - c) Involve the SSCOs / SCOs in the pre-seasonal departmental meetings of AO's / ADA's in sorting out the problems faced between each other in the outgoing season and in achieving the targets for coming seasons.
 - d) Advance planning for processing of registration to be taken-up by arranging a meeting of the ADAs with SCOs to avoid delay in registrations
 - e) Field inspections should be conducted by the Mandal Agriculture Officers and seed certification officers to verify the factors which can cause irreversible damage to the genetic purity or seed health.
 - f) The number of field inspections and the stages of crop growth at which the field inspections should be conducted vary from crop to crop. It depends upon duration and nature of pollination of the seed crop. The field inspections should be conducted at Pre flowering stage, Flowering stage, Post flowering and pre-harvesting stage and at the time of harvest.

- g) Field standards should be maintained and technical guidance at various stages of the crop should be given by Mandal Agricultural Officers and Seed Certification Officers.
- h) Seed samples should be drawn by Seed Certification Agency and Mandal Agriculture officers for checking physical & quality of seed lots before sending the seed to processing units.
- i) The MAO should monitor that the certified seed that is produced should go into the seed chain.

VI. Monitoring and Administrative aspects:

- The JDA, ADA®, MAO and AEO concerned should invariably have to visit the project area and guide the farmers in implementing the programme.
- Wide publicity should be given at village level to all farmers, so that more number of interested farmers can participate.
- Seed production should be monitored by special monitoring teams/seed certification teams at district level. JDAs should constitute a monitoring team comprising of DDA O/o JDA, DDA(FTC), ADA(Agronomy)O/o JDA, Scientist from DAATTC/ARS/KVK and Seed Certification officer at the district level.
- The Joint Directors of Agriculture should nominate one Nodal Officer either Asst. Director of Agriculture / Dy. Director of Agriculture of the concerned district to monitor the implementation of the programme regularly with the Mandal Agricultural Officers and Asst. Directors of Agriculture(R) in the district.
- All inputs supply will be only through identified and approved institutional agencies by C&DA.
- The allocation to SC / ST farmers should be made proportionate to their population in the district. Further at least 30% of allocation should be made for women farmers.
- Photographs, Documentations, success stories should be submitted to this office under all components of the scheme for onward transmission of the same to GOI.
- The Physical Progress and Financial Progress report shall be submitted every month by the district JDAs to the C&DA on or before 5th of every month in the prescribed format as communicated.
- The funds should be utilized only for purpose it was released and utilization certificate in GFR 19A shall be submitted by the JDA to the C&DA.
- Separate registers to be maintained for organizing the programme and the list of beneficiaries & Villages identified in consultation with the Panchayati raj

institutions/ DAATTC/ARS/KVK scientists should be submitted in hard and soft copy so as to upload in the Government website.

- Name & contact number of the person responsible for submitting information pertaining to the said programme by the districts to be informed to this office immediately.